

[STYLUS RETAINING AND RELEASING MECHANISM FOR STYLUS-RECEIVING HOUSING]

Abstract of Disclosure

To receive a stylus having a retaining slot thereon, the housing of an electronic device has a cavity in which the stylus can be slidably inserted. Being inserted in the cavity, the stylus contacts with a retainer that thereby resiliently deviates. The stylus further presses on a stylus-releasing device that terminates the cavity, thereby engaging the stylus-releasing device in a stable configuration in which resilient force is stored. Meanwhile the stylus engages the stylus-releasing device into the stable configuration, the retainer inserts into the retaining slot of the stylus to hold and immobilize the stylus in the cavity. To extract the stylus, a short pressing action is exerted on the stylus, which disengages the stylus-releasing device from the stable configuration, thereby the stylus-releasing device exerts a resilient force on the stylus that is ejected partially out of the cavity to facilitate a grasp of the stylus.

Figures